

## TWO MORE SIERRAN PLANTS IN SOUTHERN CALIFORNIA

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Several species of plants are known to occur in the high mountains of southern California which normally occur in the Sierra Nevada and northward. To those already recorded may be added:

*Glyceria pauciflora* Presl, previously reported as far south as the central Sierra Nevada, was collected along a shady stream about 2 miles east of Bluff Lake, San Bernardino Mts., Aug. 22, 1932, at 7800 feet elevation, *Wheeler* 1245. Unfortunately only two sheets were collected; one is in my herbarium and the other forwarded to Dr. A. S. Hitchcock, who made the determination.

*Sambucus racemosa* L., previously reported as far south as Placer County in the Sierra Nevada, occurs as several shrubs 1 to 1.5 meters tall at Dollar Lake, 9250 feet, San Bernardino Mts., and was collected Aug. 22, 1932, *Wheeler* 1217. These were growing on a sunny talus slope, probably with available underground water. The shiny red berries drew my attention to the shrubs. Fortunately several sheets were collected; in addition to my herbarium, specimens have been deposited in the California Academy of Sciences Herbarium and other principal California herbaria.

La Verne, August, 1934.

## OPEN LETTERS

**When does the Redwood bear seeds?**

Some years ago in one of our meetings the Society debated the age of redwoods when bearing seed for the first time but had no definite data to work upon. In November, 1923, I procured material for cuttings of *Sequoia sempervirens* from Redwood Peak and in the fall of 1924 planted them out in city park at Piedmont. Last year one tree fruited and the same, together with 4 or 5 others, is fruiting this year. In the summer of 1925 I happened to be at the Armstrong Grove and under the tree dedicated to Col. Armstrong picked up a few seeds. These I planted the same fall (1925) and I find several trees in cone already, earlier than I ever expected.—F. HEIN, Piedmont, July 19, 1934.

***Pinus insignis* and *Pinus radiata***

No one seems to have differentiated between the two Monterey pines until recent years, yet there are several differences between the two trees. *Pinus insignis*, the two-needled Monterey pine, was found on the famous Huckleberry Hill of the